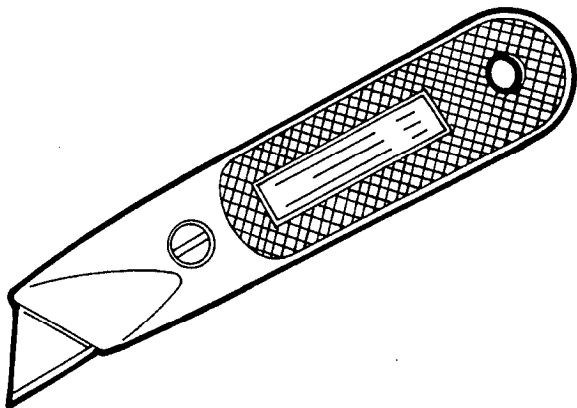


Chapter 34 KNIVES

HOW TO CHOOSE AND USE THEM

The "Types and Uses" section provides you with a list of some of the types of knives. These pages should help you select the right knife to do the job.

The "Using" section tells you how to use the knife to perform the desired function. The "Care" procedures tell you how to care for the items.



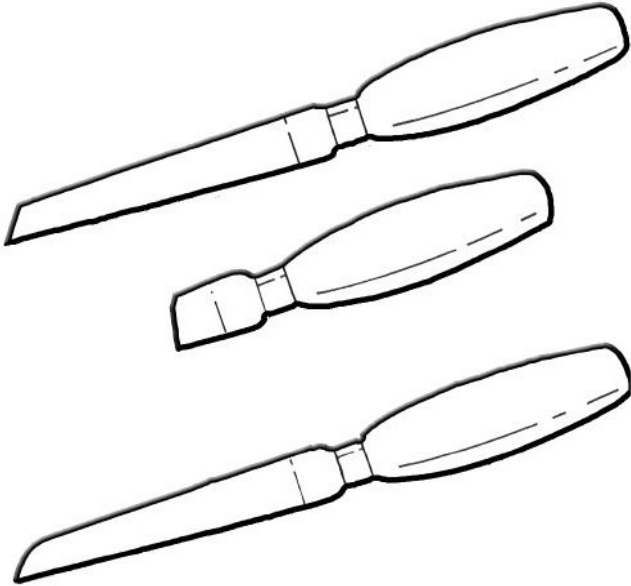
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TYPES AND USES

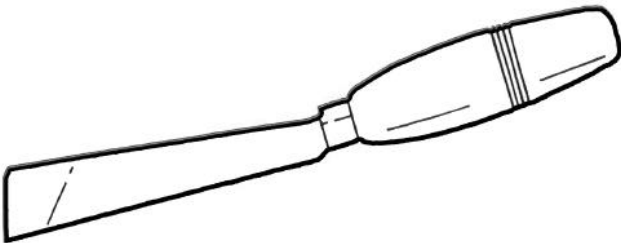
Most knives have cutting edges and are used to cut, pare, notch, and trim wood, leather, rubber, and other materials. However, putty knives are used to apply and spread putty when installing glass.

RUBBER CUTTING KNIVES



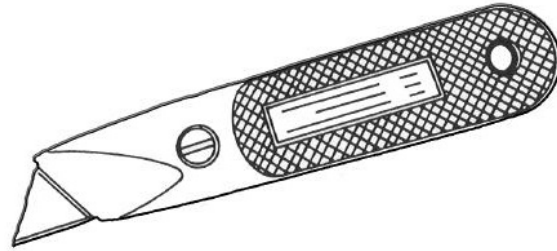
Rubber cutting knives come in a variety of styles and shapes. Some taper to a blunt round point. Some have a short, wide blade. Others have a long, wide hollow ground blade. The handle is usually oval in shape.

SADDLER'S KNIVES



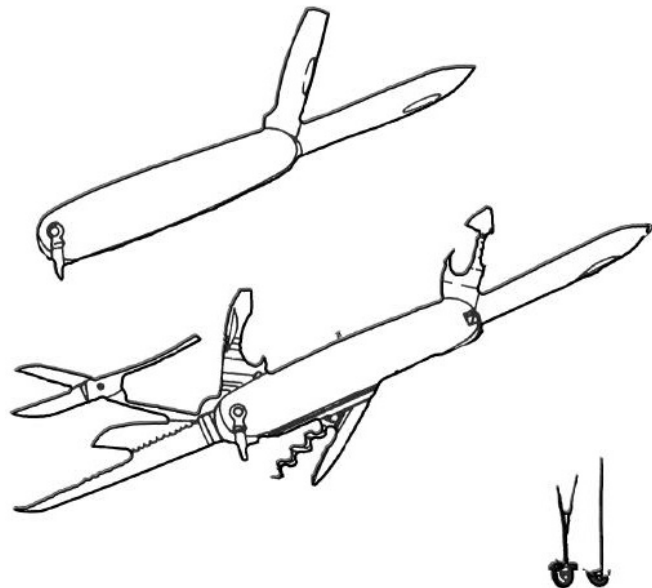
Saddler's knives are used on leather and come in different shapes. One has a broad point on a 1-1/8-inch by 5-inch blade. One has a 5/8-inch by 3-7/8-inch square point blade. Another has a 5-inch rounded-end blade. Shoe knives are similar to saddler's knives, but usually they have a 3/4-inch by 3-1/4-inch blade.

SHOP KNIFE



The shop knife is used to cut wallboard, paper, cardboard, linoleum, canvas, and upholstery materials. Most shop knives have an aluminum handle and have storage space for five interchangeable blades in the 5-inch handle.

POCKET KNIFE



Pocket knives are used for light cutting, sharpening pencils, cutting string, and whittling. They are not suitable for heavy work. There are many styles and shapes. Some are multipurpose and have an assortment of blades which are used for forcing holes, driving screws, and opening cans, as well as cutting. The blades are hinged and contained within the case when not in use and are spring loaded to keep them firmly in place when open or closed.

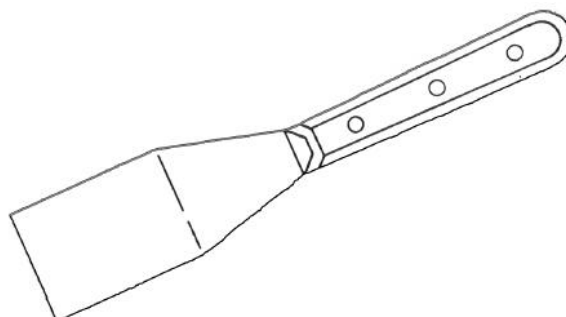
TYPES AND USES - Continued

DRAW KNIFE



A draw knife is a flat-edged tool used especially on round timber to rough-shape wood. It is used to smooth wood after chopping with a hatchet or axe. It consists of a single bevel blade and two round wooden handles, one at each end and at right angles to the blade. The handles may be adjustable or rigid.

PUTTY KNIFE

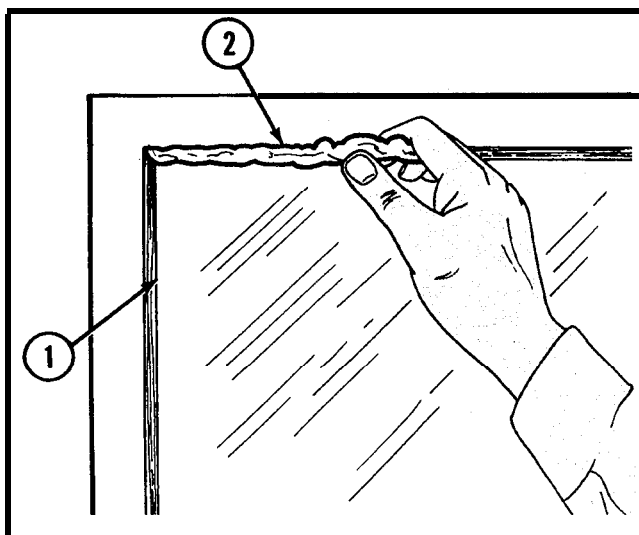


A putty knife is used for applying putty to window sashes in setting panes of glass. The blade has a wide square point and is available in different lengths and widths.

SAFETY

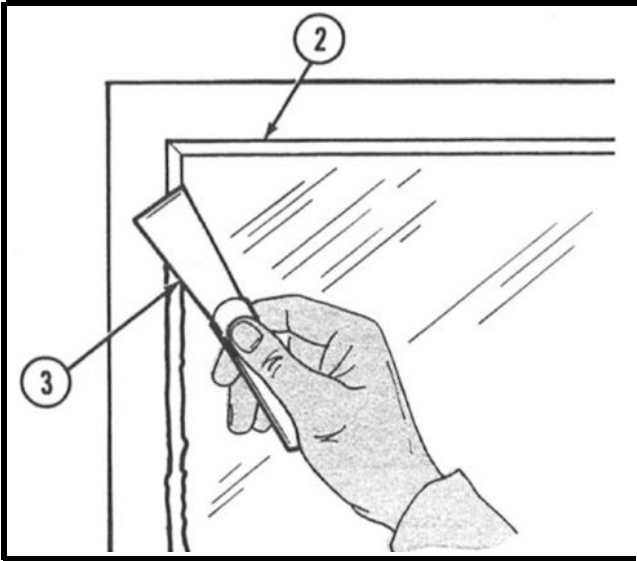
1. Do not use knives which are larger than can be handled safely to cut work.
2. Use knives only for the purpose for which they were designed.
3. Do not carry open knives in your pocket.
4. Do not leave knives in such a position that they will cause injury to others.
5. Carefully put knives in a sheath or container after use to protect the sharp cutting edges from contacting other hard objects.
6. Always cut away from the body, except when using the draw knife.

USING A PUTTY KNIFE



- 1 Before applying new putty, -make sure that the frame (1) is clean and all the old putty has been removed.
- 2 Roll new putty (2) into a rope and press it into the frame with your fingers.

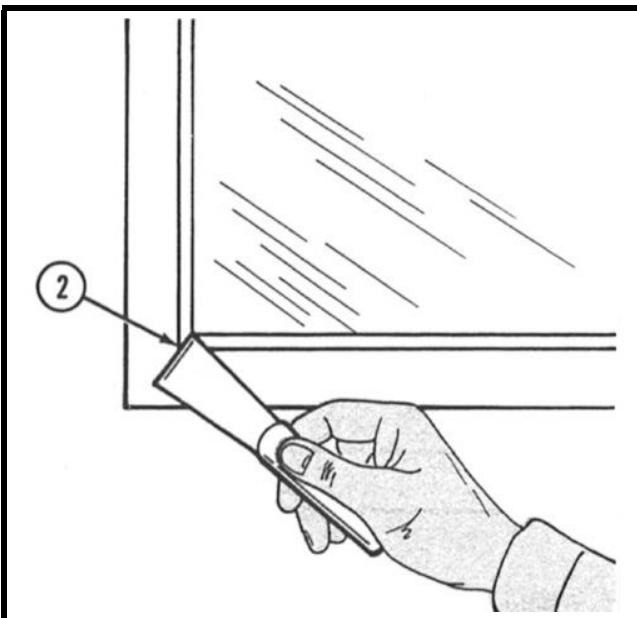
USING A PUTTY KNIFE - Continued



NOTE

Occasionally dip the putty knife in water to aid in shaping the putty.

- 3 With the putty knife (3), shape the putty (2) into an angle sloping from the glass down to the edge of the frame.



- 4 Miter the putty (2) at the corners as shown.

CARE OF KNIVES

1. Carefully put knives away after use.
2. Protect the sharp cutting edges from contact with other hard objects.
3. Use knives only for the purpose for which they are intended.
4. Before storing, wipe all metal parts with an oily rag.
5. For long-term storage, apply a thin film of rust-preventive compound on all metal parts and store in a dry place.